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# NASA Procedural Requirements

**COMPLIANCE IS MANDATORY**

**NPR 7150.2**

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## Subject: NASA Software Engineering Requirements

Responsible Office: Office of the Chief Engineer

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## APPENDIX C: Acronyms

EMB	Engineering Management Board
FDIR	Failure Detection, Isolation, and Recovery
EPG	Engineering Process Group
ISO	International Organization for Standardization of Geneva, Switzerland
PAL	Process Asset Library
CDR	Critical Design Review
CIO	Chief Information Office
CMM®	Capability Maturity Model®
CMMI®	Capability Maturity Model® Integration
CMMI®-SE/SW	Capability Maturity Model® Integration for Systems Engineering and Software Engineering
CMU	Carnegie Mellon University
COTS	Commercial-Off-The-Shelf
CSCI	Computer Software Configuration Item
EIA	Electronic Industries Alliance; subsidiary of Government Electronics and Information Technology Association of Arlington, VA
FAR	Federal Acquisition Regulation
GOTS	Government-Off-The-Shelf
GPMC	Governing Program Management Council
HWCI	Hardware Configuration Item
I/O	Input/Output
IEEE	Institute of Electrical and Electronics Engineers, Standards Association of Piscataway, NJ
ITA	Independent Technical Authority
ITMRA	Information Technology Management Reform Act
IV&V	Independent Verification and Validation
MOTS	Modified-Off-The-Shelf

NESC	NASA Engineering and Safety Center
NPD	NASA Policy Directive
NPR	NASA Procedural Requirements
PDR	Preliminary Design Review
SCAMPI	Standard CMMI® Appraisal Method for Process Improvement
SEI	Software Engineering Institute
SW	Software
SWE	Software Engineering

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